



Technical details

Gradiant EasyProcess will be served as a cloud solution. So, the requirements are minimal: **a computer with a HTML5-compatible browser installed.**

Demonstrator

Gradiant EasyProcess demo is available upon request.



Edif. CITEXVI, local 14. Fonte das Abelleiras, S/N 36310
Campus Universitario de Vigo. Pontevedra, España.
(+34) 986 120 430 | gradiant@gradiant.org
www.gradiant.org



GRADIANT EASYPROCESS

Plug&Play business
processes simulation

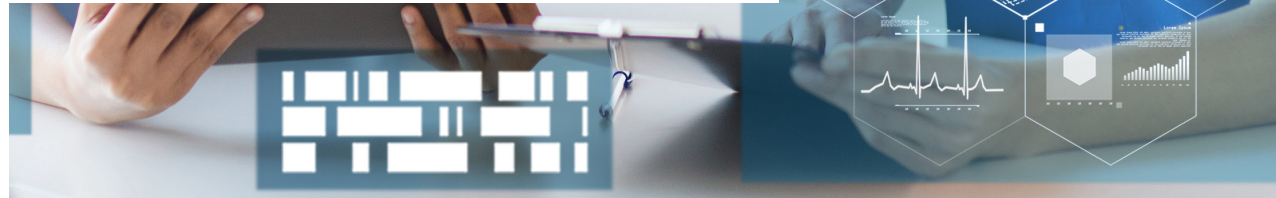


Gradiant EasyProcess

One of the process management tasks is to compare two or more possible scenarios in order to check which of them is better based on some parameters: cost, time etc.

There are multiple simulation programs that allows you to compare different processes, but all of them force you to “draw” the process model “by hand”. So, every little detail of the process must be known much time before the simulation starts. How many resources are there? What is the behavior of the people who run through the process? These questions are hard to answer without a deep and expensive pre-analysis. Furthermore, this pre-analysis is usually rely on the on intuition of some experts.

Gradiant’s solution make use of real data to answer all these questions automatically. Professionals can start the simulation immediately, get the desired metrics, execute some changes in the process, get metrics again and compare the two cases, saving money and time.



Highlights

There is **no need of “drawing” the process model “by hand”**. Gradiant EasyProcess can discover it automatically for you.

Our solution uses real data: the discovered process is based on reality and is not biased on assumptions that may not be accurate enough.

Use cases


Flow process of patients in an Emergency Department. How many time is spent in each activity [admission, triage, consultation, radiology...]? How many resources are involved in each activity?

The flow of patients is not the same in summer as in winter. What are these temporal dependencies?

All of these questions are essential to build a precise simulation model but also are very hard to answer.

Thanks to Gradiant EasyProcess, Emergency Department’s managers can upload real data [in form of event logs] and the process is discovered automatically with all these parameters annotated in it. Then, **the simulation can start immediately.**

Our solution is suitable for process managers in several sectors, such as, health, manufacturing, human resources, etc.



Flow process of patients in an Emergency Department



The flow of patients is not the same in summer as in winter



The simulation can start immediately



Integration requirements

Gradiant EasyProcess uses real data in the form of event logs. Each event refers, at least, to a case [a patient, a client, an order...], an activity [triage, payment, delivery...] and a point in time [the date and time where this event was executed].

Event data can be extracted from many sources: a database system, a transaction log, a message log, an API, an ERP...

Extraction and transformation tasks from this raw data into event data (in order to build an event log) are required for Gradminer.

Intellectual Property

Gradiant EasyProcess intellectual property rights belong to Gradiant.